

From: Turner.Kevin@epamail.epa.gov
To: [Tom Binz](#)
Subject: Fw: EBMP DATA
Date: Tuesday, June 15, 2010 12:16:34 PM

From: Kevin Turner/R5/USEPA/US
To: asalhotra@ramgp.com
Cc: tbinz@pe-engrs.com
Date: 04/29/2010 03:28 PM
Subject: Fw: EBMP DATA

Atul

Apparently Michelle requested you to follow 4.4.6 of the EBMP real-time, meaning you should be using the vacuum and tedlar data to respond in the village. Michelle has looked at all the data and have flagged some wells which have deep positive pressure and have compared that nested well PHC profile (remember, though, this EBMP didn't pair wells in a way that this can be done easily).

This is what you could be doing & the '08 plan doesn't preclude this kind of analysis, which should feed into SVE adjustments where needed.

MPs, vacuum/PHC:

83C = +12.78 (83B & A = 0); 83A PHC = 72,000; upward pos pressure from C could affect shallow zone which is hot = formation & nearby homes should be watched

58C = +13.19 (58B & A = 0); 58B PHC = 6,000; shallow zone less hot but still an area to watch

51D = +34 (51C, B & A = ~0); 51B PHC = 22,000

53C = +12 (53B & A = neg); 53B PHC = 955,000*; area should be watched, shallow zones must retain capture

46C = +31.8 (46B & A = neg); 46A PHC = 5,000

85C = +13 (85B & A = neg); 85A pulled water; this is a good example where SVE may be compromised and we don't have the PHC profile to know the potential affect of the deep pos pressure

Kevin Turner
U.S. EPA
(618) 997-0115